RESEARCH AND DEVELOPMENT, NEUCHATEL - QUARTERLY REPORT

DIVISION : RESEARCH

SUBJECT TITLE : NEAR INFRARED REFLECTANCE ANALYSIS (NIRA)

PERIOD COVERED : OCTOBER - DECEMBER 1988

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KEYWORDS : infraAlyzer, nira, flavor

OBJECTIVE

To evaluate Near Infrared Reflectance Analysis (NIRA) as an analytical approach towards routine quality and/or process control measurements.

STATUS

The development of the infraAlyzer method for the determination of main components in MFSB-1 flavor has been continued [1]. Several steps of water, ethanol and PG determination were improved during the validity check of the calibration of this method.

A description of the method was prepared and issued [2].

PLANS

To prepare a method for the determination of water, ethanol and sugar in MF-AC base flavor.

To check the application of infraAlyzer technique in process control.

To investigate the determination by NIRA of triacetin content of filter rods during production.

REFERENCES

[1] Moser-F., Quarterly Report NIRA, July-September 1988, pp. 28-29.
[2] Moser-F., PME Analytical method "Determination of main components in liquid flavor using Near Infrared Reflectance", January 4, 1989.

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